

LIST OF SEQUENCES

SEQ ID NO : 1 – EXB-NROA0576 :

5 *Homology with NM_003576 : Homo sapiens serine/threonine kinase 24 (STE20 homolog, yeast) (STK24), mRNA. 4/2003*

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1   GGTGTGGAGG TGTTCAAAGG CATTGACAAT CGGACTCAGA AAGTAGTCGC
10  51   CATAAAAATC ATTGACCTGG AGGAGGCAGA AGATGAGATC GAGGACATTC
15  101  AGCAGGAAAT CACAGTGCTG AGTCAGTGTG ACAGTCCCTA CGTAACCAAA
20  151  TATTACGGAT CCTACCTGAA GGACACTAAA TTGTGGATAA T

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15

SEQ ID NO :2 - Cluster NROA_c584_1 :

Homology with CB424646 : 598918 MARC 6BOV Bos taurus cDNA 3', mRNA sequence. 3/2003

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20
1   TATCTGCAGA ATTTCCCCTT GAGAACCGTT ATGGGGTGCA GGTAAAGTTAT
51  51   TACACAAGAG AAAGAAGTTT TCTTACTAAC AGCAAGATTA ATGGCACAAAT
25
101 101  TCAACCAAAA CTCATATACA TTTTACTGCT TAATTACAT ATTATTTGG
151 151  TGGAAAAAAAT AGTATTCTTT ATTCTTCAG TTTCTTTATG CAAAAATACA
30
201 201  CTTCTACAGG GACATCACTT AGATGTTATG CAAACCTCCC CCCC

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SEQ ID NO : 3 – EXB-NROA1108 :

Homology with NM_138402 : Homo sapiens hypothetical protein BC004921 (LOC93349), mRNA. 4/2003

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35
1   GAGACATTG GCCAAAAGAG GAATTCCAG GACACCAACA ACATCCATTA
51  51   TTCCATTATT CATTTGTTTC CTGAAGAGCA AACACTTCCT TGAAATTCTT
40
101 101  CTCAAATTCT GCCTCCAGTC TAAGCCCCAT TTGGCCAAAA TCATTGAAC
151 151  TGAAAGATGC CCTGTGGTTC TGAAAGATGA GACGCATGTC CCACACAAAC
45
201 201  CCTTCCACAT TGGAGTAGCC CTGCTCATTC AGCCTCTTCT TGATCTGTC
251 251  CAGCCACATG GGCTCCTTGA GGTTTTAGA AGCCTCTTTC ATATAATAAT
301 301  AATAGGGAAT CCTCACTATA ACGCT

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SEQ ID NO: 4 - Cluster NROA_c450_1 :

No homology

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55
1   AAGCGTTATG CAGGTAGGCC GACAAGGCCA AGTGGGATGC CGGAGAGCGG

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51 CCGAGTTATT GCTCCGAGGA GACCACGTT ACCGGTTACT ATGGCGACCG
 101 CCCCATCCCG GATCACTATC AGCCGTTCAC CGCCGATGAG GCGACGTGGT
 5 151 TCCAGCTCTG GGAGACGGTG AGCGAGGGCA CTCCTACGTC GCCGCCCTC
 201 GCGACGATTG AGGAACCTGGC AGCCTACCTC GCCGAGTGGG GCGACTTCTG
 10 251 TGATCACAGG CGCGCCGTCG AGTCCATGGA CGCGCGCGAG ATTGAGGC
 301 TCCTGACGCT GAATGACCGG CACTAGTTCA AGGTGCGGCT GGGGGCAGCA
 351 GCGCGCCTAA GCTTCTGCA AGACTGGCTG GGCGCCCAGC ATGATGGTCC
 15 401 GCGGCGGCGA GATCCTGACC AACCTGGGG ACATGGTGTC GTCTGACCC
 451 TCGCCTAGCT CTCTCACACA CCTAGGAGGA AGAGATGACC ACCCCCCAAC
 20 501 TTCGCGGCCA CGAGACCGAA GCCAAGGCC GCAAGGCGGC GATGAAGTGG
 551 TTCACCTTCA CGGACGGCAC CAAGCCTGTC GAGGGCGTCC ACTTCCACAT
 601 CAAGCAGAAC CACTTCGGGC TCTGGACCTT CCAGGGAGGGC CCGGCTCCGA
 25 651 AGTCCGCCGG ACCCCGCATC ACTCATAACG CTTCTCAA

SEQ ID NO: 5 – EXB-NROB1323 :

Homology with NM_000982 : Homo sapiens ribosomal protein L21 (RPL21), mRNA.
30 5/2003

1 AGAACGTTA TTGCTGATAC CCGCTACATG TTCTCCAGGC CTTTCAGAAA
 35 51 ACATGGAGTT GTTCCTTGG CCACATACAT GCGAATCTAC AGGAAGGGTG
 101 ATATTGTAGA TATCAAGGGA ATGGGTACTG TTCAAAAAGG AATGCCAAC
 151 AAATGTTACC ATGGCAAAAC TGGAAAGAGTC TATAATGTCA CCCAGCATGC
 40 201 TGTTGGCATC ATTGTAAACA AACAAAGTTAA GGGCAAGATT CTTGCCAAGA
 251 GAATTAATGT GCGTATCGAG CATATTAAGC ACTCTAAGAG CCGAGATAGC
 45 301 TTCCTGAAAC GTGTGAAGGA AAATGATCAG AAAAAGAGGG AAGCCAAAGA
 351 GAAAGGGACT TGGGGTTAAC ACC

SEQ ID NO :6 – EXB-NROA0588 :

Homology with AW325879 : 17199 MARC IBOV Bos taurus cDNA 5', mRNA sequence.
50 4/2001

1 GGGCGGAGGT CACCCCTGGGG ATCCTCCAGG GCCAGGCCCT GGCACAACTC
 55 51 GTCTCCATCA CACAGATGGG CCGTCGCCTG GTCTGGCTC TCAGGAGTCA
 101 GACCGGAAAA AGCCAGCCCT GGGGCAACCA GGAGCACCAGA GGTGATGAGC

151 AGGACAGCCC AGGAGGTCAT GTTGAGGCAG CTGAAAGGTC TGTGCAAGTC
 201 AATCATGAAG AAATTCTCC GTACCATCAC CTCCC

5

SEQ ID NO :7 – EXB-NROB1540 :

Homology with D37952 : Bovine NB10 mRNA for MHC class II (BoLA-DQB), partial cds. 2/1999

10 1 CTTGTGAGG CAGAGGTTCC AGGGTCAGTG GAGGAAGCAG CATCACAGCC
 51 AGATCCATGG TTGGGGGATG GCCACGGGAA ATGACTTGGT GACTGACTCT
 15 101 GATCTCAGAG TGGGACAGGC TGACAGGCAT CTGGGAATTC CGGGCAAGGT
 151 CAGGCACGTA TTATAGAAGA GCAAACACCA ATCCAAAAT ATCCTCAGGA
 20 201 ATCAGCGCAT GAGCCCCTTC TGGCTCCTGT GATGGATGAT GAGGCCAGC
 251 CCAAGGAAGA TCAGCCCCAG CACAAAGCCT CCAAC

SEQ ID NO : 8 Cluster NROB_c1_-64 :

25 *Homology with D76416 : Bovine mRNA for MHC class II DM alpha-chain (BoLA-DMA), complete cds. 2/1999*

1 1 TCTGCAGAAT TCGCCTCTGA GAAGCGTTAT CCGTTGGACC CAANNNNNNN
 30 51 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNCAAGA GAAAAGATCA
 101 GAGGGTGCTG GTGTGACGTT TAAGTAGGAA AAGGCCTGGA AGGTGAGTCC
 151 ATCAACCGCG GAGACAAAAG TGGGCCGGC TCCTTCCACA GGTGCCGACT
 35 201 GATGCTGCCA GTTCACGGTC AGTGTGGTC AACAC

SEQ ID NO : 9 – EXB-NROB1371 :

40 *Homology with NM_006098 : Homo sapiens guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1 (GNB2L1), mRNA. 4/2003*

1 1 AAGCGTTATT TAGATAANNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
 45 51 NNNNNNNNTAC ACCCAGAGTA TTCCATAGTT TGATGGTTTT GTCTCGGGAG
 101 CCAGAGACAA TTTGCCGGTT GTCAGAAGAG AAGGCCACAC TCAGCACATC
 151 TTTGGTATGG CCTACAAATC GGCGAGTGGT GGTGCCCGTT GTGAGATCCC
 50 201 AAAGGCGAAG GGTTCCATCC CAGGAGCCTG AGAGGGCAAA TTGGCCATCT
 251 GAGGAAATGA CCACATCACT AACAAAGTGG GAGTGACCCC GAAGAGCACG
 55 301 CTGTGGGATA CCATAGTTGG TTTCATCTCT GGTCAAGCTTC CACATAATGA

351 TGGTCTTATC TCGAGAGGCG GACGATATCA TGTCCGGAA CTGGGGAGTG

SEQ ID NO :10 - NROB_c579_1 :

5 *Homology with D87076 : Homo sapiens mRNA for KIAA0239 gene, partial cds. 1/2003*

10	1 GGGCCAGGGG ATGATATGAA TGTCACAGGA GGAGACACCT TCTGTCTTG
	51 TTTCAAAGAA AGTTGATGTG CCATTTGTTA ATATAACAAGA GAAATATTGA
	101 AAATATATTG AAAAGAGCAA TTTTAAATTAA TTTTTGGCTT ATGTTGCAAT
	151 ATTTATTTTC TTGTATTAGG AAAGATTCTT TTGTAGAAAA AAAATGTATT
15	201 TTTCATTAAC GCAAAAACCT ATTTCTCCTT TTTGTACATT GTCCATGTTG
	251 GCTACCCTTA ACGAGCAATA GAATGTATGG CTGCCCTCGGG GTGGCCGGTG
20	301 CCCGCCTGCC CTGCATGATT CTGTGGTCCC ACCACCATGT AGCTCCCAGT
	351 CCCATCCTGT CCTGCTCACT CATGGGGTT TCCAGAGCCT AGCCCCCT

SEQ ID NO : 11 – Cluster NROA_c125_1 :

25 *Homology with D45359 : Bos taurus mRNA for MHC class II DRB3, partial cds. 1/2003*

30	1 TGGATTGCAG GTGACTGAGA AAACCATCGA GGACAGTTT TAAGGGGTCA
	51 CTGAGCCAGG AGCAAATGAG ATCCTGAGAA AGTACTTCAT TGTGGAAGAG
	101 TTAGCACTAA GCAGGAAACC TTTCCATGCT GTGAAGAACGC TGGGACAGAA
	151 GGTTCTTCCT TGAGTGTGAC CATCTTCACT TCAGCTCAGG AGCCCTGTTG
35	201 GCTGAAGTGT AGGGCGTCCT TTCTGATTCC TGAAGTATAT TTATTAGCCC
	251 CACGGCAAGG AAGAACAGAC TCAGAACGAA GCCCCCGACT CCACTCATCA
40	301 TCTTGCTCTG AGCAGAGTCA GACCGTGCCC TCCATTCTAC TGTGATAAGGG
	351 CTTGTCTGGC TGGGGTGCTC CACTTGGCAA GTGTAGACCT GGCACCCA

SEQ ID NO :12 – Cluster NROB_c0_1 :

45 *Homology with J01394 : Bos taurus mitochondrion, complete genome. 4/2001*

50	1 GCTGTCCAAA AAGGCCTCCG TTATGGAATA ATTCTTTTA TTATCTCCGA
	51 AGTACTATTTC TTTACCGGAT TTTTCTGAGC TTTCTACCAC TCAAGCCTCG
	101 CCCCCACCCC TGGGGGAGGC GGCTGCTGAC CCCAACAGG CATTCAACCA
	151 CTAAACCCCC TAGAAGTCCC ACTGCTAAC ACCTCTGTCC TATTGGCTTC
55	201 CGGAGTTCT ATTACCTGAG CCCATCATAG TTTAATAGAA GGGGACCGAA
	251 AGCATATATT ACAAGCCCTA TTTATCACCA TCACATTAGG AGTCTACTTC

301 ACACTACTAC AAGCCTCAGA ATACTATGAA GCACCTTTA CTATCTCCGA
 5 351 CGGAGTTTAC GGCTCAACTT TTTTGTAAC CACAGGCTTC CACGGCCTCC
 401 ACGTCATCAT TGGGTCCAAC AAATAACGCT TCTCNNNNNN NNNNNNTGCA
 451 GATA

10 **SEQ ID NO :13 - Cluster NROA_c1045_1 :**
Homology with BM363411 : BS320054B20G01 Subtracted Lewin Cattle Spleen Bos taurus cDNA clone BS320054B20G01 5', mRNA sequence. 1/2002

15 1 GGGGAGGTAT CTGTCACCCA CGCAGAAATG CTTCTGACAG GCGGCANNNN
 51 51 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
 101 101 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN CTTGGCCGAA
 20 151 151 AAGCCTGAGG TAGTCTCGGC GGCAGAGCTT CCGGCCAGC TTGTAGTAGA
 201 201 GGCGCCGGCC CACCTACCC

25 **SEQ ID NO : 14 – Cluster NROA_c69_1 :**
Homology with NM_003127 : Homo sapiens spectrin, alpha, non-erythrocytic 1 (alpha-fodrin) (SPTAN1), mRNA. 4/2003

30 1 GAAGCGTTAT TGGAGGGAGGC TAACCTAGGA GCAGAGGATC AGTCACGAA
 51 51 GAGCGAGCGG GTGAACTCGA CGTAGTCAA AGCAGTGGGG AGTCGCGGC
 101 101 CCTTGCTGTC CACGTAGGGC TTCATGTGGG AGACGCAGTA GTCGGCTTGT
 35 151 151 TCCCGAGTCA AGTTCTGGTA CAGCTCCTCC TTGGTCACAT AAGGCTTCCC
 201 201 TTCAGAGCTC ACGGCCCGGA AGGCGCTCTC AATCTCCTCG CTGGACTTGA
 40 251 251 CGTTCTCCGT CTCACGGCTG ATCATAAAGG ACATGTACTC TTGCATGGAG
 301 301 ACGTGGACGT CCCTGTTAGG ATCCACAGTG TCCAAGATGG ACTCGAACTC
 45 351 351 AAGGTCGGGC TCCCCCTTCCT CCAACATGGG CAGGTC

SEQ ID NO : 15 – Cluster NROB_c1_12 :
Homology with BM431390: 1Duo15D10 Bos taurus Duodenum #1 library Bos taurus cDNA, mRNA sequence. 1/2002

50 1 TCTGCAGAAT TCGCCTTGA GAAGCGTTAT GGGGGCGAGG TGGTAAAGGA
 51 51 AGCTTACAAA ACAACTATTC TTTAAAAAAA AACAAAAAAA CAAAAAAACA
 55 101 101 AAAAACAGCA AAAGCCAACC GGCCCAATT TGCTCCAGT TTTCAACGTG

151 TGCTTTCGAG CATTTCAGCT GTTTCCAGTT ACTTTAGTTT CCAGATATTA
 201 GTCTTCCATT TAGTTTAAG ACTAAATCTC ACTTTGGAT AAACACAAGG
 5 251 AAATATTTA CTTGCTGAAA AATCACTTTA CTGGATAAAAG TTACCTCTTA
 301 TGCCTTCAG TTTTCTAATC CAACTTTCTG ACAACCAGTG GTAATTAGGA
 10 351 AGTTCTAAGT TGCAGTTGTC CCTATGACTT TGGGCTTCCC TGGTGGCTCA
 401 GCTGGTCAAA AATCTGCCTG CAATGCGGGA GACCTCCACC CCATAACGCT
 451 TCTCAAAGGC GAATTCTGCA GA

15 **SEQ ID NO: 16 - Cluster NROA_c21_1**

Homology with NM_001416 : Homo sapiens eukaryotic translation initiation factor 4A, isoform 1 (EIF4A1) mRNA

20 1 TTGAGAAGCG TTATTGTGGG GAGGTCATAG TTGATGACTA AGGAAACTTG
 51 CTGTACATCA ATACCTCTGG CCAGTAGGTC AGTGGTAATC AATACTCTGC
 25 101 TGGAGCCAGA GCGGAACTCC CTCATGATAA CGTCTCGTTC TTTTTGGTCC
 151 ATGTCTCCGT GCATGGCAGA GACGGTGAAG TCTCGGGCAT GCATCTTCTC
 201 GGTGAGCCAA TCCACCTTCC TTCGGGTGTT GATGAAGATG ACTGCCTGGG
 30 251 TAATGGTCAG GGTTTCATAC AAGTCGCACA GTGTGTCCAG CTTCCACTCC
 301 TCTCGTTCCA CATTGATGTA GAACTGACGG ATACCCTCCA GCGTCAACTC
 35 351 TTCCCTTCTTG ACAAGAATTC TAATTGGTCA CCTCATGAAC TTCTTGGTCA
 401 CCTCCCCGCC ATAACGCTTC TCAA

40 **SEQ ID NO: 17 - Cluster NROA_c12_1**

Homology with NM_15862: Homo sapiens actin related protein 2/3 complex, subunit 2, 43kDa 5ARPC2) transcript variant 1 mRNA

45 1 CTTGTATGGT GTATGGAAGT TACTTGGTAA ATCCAGAACATC AGGATACAAT
 51 GTCTCCTTGC TATACGACCT TGAAAATCTG CCTGCATCCA AGGATTCCAT
 50 101 CGTGCATCAA GCTGGCATGT TGAAACGAAA CTGTTTGCC TCTGTCTTG
 151 AGAAATACTT CCAGTTCCAG GAATGAGGGC AAGGAATGAG AGTTAGGGC
 201 AGTTATCCAT TATAGGGATG ATGAGACCAT GTATGTTGAG TCAAAAAAAAG
 55 251 ACAGAGTCAC AGTAGTCTTC AGCACAGTGT TTAAGGATGA CGACGATGTG
 301 GTCATTGGAA AGGTGTTCAT GCAGGAGTTC AAAGAAGGAC GCAGAGGCCAG

5
 351 CCACACAGCC CCACAGGTCC TCTTCAGCCA CAGGGAACCT CCCTTAGAGC
 401 TGAAAGATAC CGATGCCGCC GTGGGTGACA ACATTGGCTA CATTACCTTC
 451 GTGCTGTTCC CTGCCCAAT ATAA

10 **SEQ ID NO: 18 - Cluster NROB_c160_1**

Homology with AF513721 : Bos grunniens myosin regulatory light chain mRNA

15
 1 CCAGTGTGTT GCCCCTGAGA AGCGTTATAT GCGGTAGTGA GGGGAATTTC
 51 AATTACATCG AGTCACACG CATCCTTAAG CATGGAGCGA AAGACAAAGA
 101 CGACTAAAAAA GAACTTCAAA CTCCAGCAA ACGTTCCCTTG TTGCCACTCT
 151 GGGTATTCT GAGACTTCT CTTAGAGCCT GTTGCATGCC CTTAGCTTTA
 20 201 CAGCTTCTGC CTTCTTTTG TATTTATTCT CAGCCATTG GGGCACATGC
 25 251 ATCTCTATAA TCAGACTGGA TATGGGACTT CTTGTCATTT TAAGAGTAGA
 301 AAATAGGGTA ATTTAACTTA CCAGCTGCCG TCTACCCTCC CCCAAAGTCA
 351 TAACGCTTCT CNNNNNNNCA GC

30 **SEQ ID NO: 18 - Cluster NROB_c1_11**

Homology with BM429753: 1Duo20H3.ab1 Bos Taurus duodenum #1 library Bos Taurus cDNA, mRNA sequence

35
 1 TCTGCAGAAT TCGCCTCTGA GAAGCGTTAT GCTGAGAGGG GGGACTGGAA
 51 GCTTTGCTGA TATTTACTCA ATATTCACAA GGGGCCTGTG TAATGTGTTT
 101 CACAGGTAGT GCTAATGCTC AATGCAAGAT GCATTTCAGC CTTGTAATTCT
 151 CTTTCATTTG AGTCTTGAA CCATGTCAA TGAAACCAGAG CTCAAACTAA
 201 TCAATTTGT AGTTGGTATT TGTTGGAGGG GAGGCAGGCA TGGACAGCAA
 251 TAGGGAGTGA GCTGGAGAGA TGCTTGCTA ACCATAGTAA ACTGTGAAAAA
 301 AATAGTTACT TCCTGAAAAAA AGGAAATATT CTTGAGAGCA CCTTCATAAT
 351 GTCATCAAAT ACATGGCTAA ATACATTGTC TTGAGCCTCC TTCCTAATGT
 401 TTCTTAGTTT TTTTCATAT TCCATCTTA GTAATTCAAT TTCCCCCTCT
 451 TTTTCCTGCA TAATCTTCTC GCATGCTTGA GCACACTCCT TTTCCACTTT
 50 501 TTGGATTTCCTTCC ATTTCTAATT GATCAATATA TCTTT

SEQ ID NO: 20 - Cluster NROB_c1_15

Homology with NM_003127 : Homo sapiens spectrin, alpha, non-erythrocytic 1 (alpha-fodrin) (SPTAN1) mRNA

5	1 AGAACGTTA TCGGGTAGGC TAACCTAGGA GCAGAGGATC AGTCACGAA
	51 GAGCGAGCGG GTGAACTCGA CGTAGTCAAA AGCAGTGGGG AGTCGCGGC
10	101 CCTTGCTGTC CACGTAGGGC TTCATGTGGG AGACGCAGTA GTCGGCTTGT
	151 TCCCGAGTCA GGTTCTGGTA CAGCTCCTCC TTGGTCACAT AAGGCTTCCC
15	201 TTCAGAGCTC AGGGCCCGGA AGGCGCTCTC AATCTCCTCG CTGGACTTGA
	251 CGTTCTCGGT CTCACGGCTG ATCATAAAGG CCATGTACTC TTGCAGGGAG
	301 ACGTGGCCGT CCCTGTTAGG ATCCACAGTG TCCAGGATGG CCTCGAACTC
20	351 AGGGTCGGGC TCCCCTTCCCT CCACCATGGG CAGGTCA TAG CCCAGGGAGC
	401 GCAGACAGGA TTTGAACCTCC TGGTGGTTCA GCCGGCCAGA CTTGTCCCTG
25	451 TCGAAGTGT TGAACATCAT GCTGAATTCT TTGAGGGCCT TACAGATAAAC
	501 GCTTCTCAAA GGCGAATTCT GCAGATA

SEQ ID NO: 21 - Cluster NROB_c1_13

Homology with NM_003295 : Homo sapiens tumor protein, translationally-controlled 1 (TP1) mRNA

30	1 GAGAACGTT ATGGCGGGGA GGTACCGAAA GCACAGTAAT CACTGGTGTC
	35 51 GATATTGTCA TGAGCCATCA CTTGCAGGAA ACCAGCTTCA CAAAAGAAC
	101 CTACAAGAAC TACATCAAAG ATTACATGAA GTCAATCAA GGGAAACTTG
40	151 AAGAACAGAG ACCAGAAAGA GTAAAACCTT TTATGACAGG GGCTGCAGAA
	201 CAAATCAAGC ACATCCTTGC TAATTTCAA AACTATCAGT TCTTTATTGG
45	251 TGAAAACATG AATCCAGATG GCATGGTTGC TCTGCTGGAC TACCGTGAGG
	301 ATGGTGTAAAC CCCATATATG ATTTTCTTA AGGATGGTTT AGAGATGGAA
	351 AAATGTTAAC AAAGTTGGCA GTTACTTTGG ATCAATCACC TCCCCCCCAT
50	401 AACGCTTCTC TAATGCTTAT TCATGCAGAC AACACCAGGA CTTAGACAGA
	451 TGGGACTGAT GTCATCTCGA GCTCTTCATT TGTTTGAAC GTTGATTTAT
55	501 TTGGAGCGGA GGCATTGTTT TTGAGAAAAC GTGTCA GTGTA GGTCCC

SEQ ID NO: 22 - Cluster.NROB_c795_1

Homology with X85799 : B. Taurus mRNA from clone TUS4 (unknown function)

5	1 GGGGTAGGTC AAAAAAAGTC CAAACCAAAA ACAAAACCTG CCAAAACCAA
	51 CAAAAAAACCT CCGAAATCTG AAGACAAC TGCAATCCC TGCAAGTCTCA
10	101 CTTTCTCTTG GAAAGAAAAG TTGGATAATC CAACCCTTT ACAAAAGGATA
	151 ATACAAGGGT GACAGTTCCA AGCTCTCAGG AACAGGGTCT TAGACGCTTT
	201 TGGAGGTTGA GAGGCACAAA ACGGCAGTCT GAAAATTCCCT TTCATCTCAC
15	251 GGCACTGATT GAGTTAGAC TTGATTCTC CTCCCTTACCC TACCCGATAT
	301 AACGCTTCTC

20 SEQ ID NO: 23 - EXB-NROB0367-01

Homology with AJ318335: Ovis aries partial mRNA for high affinity IgE receptor gamma subunit (fceR1g gene)

25	1 GAAGGGCAGG CGCGAAAGGC AGCTACAGCC AGTGAGAAAT CAGATGGCAT
	51 TTACACGGGC CTGAGCACCC GGACCCAGGA GACTTATGAG ACCCTGAAGC
30	101 ATGAGAAACC ACCACAATAG CTTTAGAACCA GATGCCCTTT GTCACTTCCT
	151 T

SEQ ID NO: 24 - EXB-NROB1653-01

35 Homology with NM_004397 : Homo sapiens DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 6 (RNA helicase, 54 kDa)) (DDX6)

40	1 AATGTAAGGG GGATTAGAGT GATTATGGGA GCAGCTAAAG ATGAGAGGGG
	51 CTCAGTTTC CGCAACACTA AATCTAAAAA GTATTTGGC TTCTTACTGT
	101 AGAGAGCAGA CCTCTACAGG AATCCTACAT TGGAAAAGAG ACCCAGAGGT
45	151 CTGCGGTTCA CTGCTGCCAC ACTGTCTCAC ATAGTACCTT TGGAGTAGGC
	201 CTGACAGAGA GCACAGGGAA GCTTCAGAAA CCTGTAATTC AAGATTTTAT
	251 TTTTTGAGA CGTTCTCTCT GATACTGTT CCCGCCAGCC TTTTTAAAAA
50	301 GTTTGAGAAA CTTTCAAGC TCTGAAAGA GGGACAAAGA ATTTGCCTTG
	351 CAGTGTGGGG ATATGATTGA GCGGCAGTG

SEQ ID NO: 25 - EXB-NROB1743-01

Homology with NM_078480: Homo sapiens fuse-binding protein interacting repressor (SIAHBP1) transcript variant 1 mRNA

5 1 GTGGTAGGTG ACTGAGGAGT GTGGCAAGTT TGGTGCTGTC AACCGTGTCA
 51 TCATCTACCA AGAGAAGCAG GGCAGGAAG AGGACGCGGA GATCATTGTC
10 101 AAGATTTTG TGGAGTTTC CGTAGCCTCT GAGACTCACA AGGCCATCCA
 151 GCCCCTCAAT GGGCGCTGGT TTGCTGGCCG CAAGGTGGTG GCTGAAGTGT
15 201 ATGACCAGGA GCGTTTGAT AACAGTGACC TCTCTGCATG ACCTCCCCCC
 251 C

SEQ ID NO: 26 - EXB-NROA1346-01

Homology with AB098926: Bos Taurus mRNA for similar to beta 2-microglobulin, partial cds

20 1 GATCAGTACA GCTGCCGAGT GAAACACGTT ACTTTGGAAC AACCCCGGAT
 25 51 AGTTAAGTGG GATCGAGACC TGTAAGCAGC ACCATCGAGA TTTAACATT
 101 CTTCATTTGG TATAATATCT GGAAAATTCT GTTCCCTGC TCTTTAATAC
30 151 TGATATGCTT TTATGCTTTA TGCGCATAAT CAGAAGTCAT ATTCAATGTTA
 201 CCATAAAATAC CTTCTTTATA ATTTTACCGT GGGTGCTACA TGTCCATGTT
 35 251 TGACCTTCCT AGGCAGGTGT CTGCAGTGGA GGTCCACAAA